

SEQUENCE LISTING

<110> Narhi, Linda O.
Osslund, Timothy D.

<120> Keratincyte Growth Factor-2 Products

<130> 02-274-A

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<150> 09/284,100

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<150> PCT US/97/18607

<151> 1997-10-15

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<151> 1996-12-10

<150> US 60/032,781

<151> 1996-12-06

<150> US 60/028,493

<151> 1996-10-15

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<170> PatentIn Ver. 2.0

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ccc	ggc	tgc	tgc	tgc	tgc	tgc	ttt	ttg	ttg	ctg	ttc	ttg	gtg	tct	tcc	96
Pro	Gly	Cys	Cys	Cys	Cys	Cys	Phe	Leu	Leu	Leu	Phe	Leu	Val	Ser	Ser	
		20						25					30			

gtc	cct	gtc	acc	tgc	caa	gcc	ctt	ggc	cag	gac	atg	gtg	tca	cca	gag	144
Val	Pro	Val	Thr	Cys	Gln	Ala	Leu	Gly	Gln	Asp	Met	Val	Ser	Pro	Glu	
		35					40					45				

gcc	acc	aac	tct	tct	tcc	tcc	tcc	ttc	tcc	tct	cct	tcc	agc	gcg	gga	192
Ala	Thr	Asn	Ser	Ser	Ser	Ser	Ser	Phe	Ser	Ser	Pro	Ser	Ser	Ala	Gly	
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agg	cat	gtg	cgg	agc	tac	aat	cac	ctt	caa	gga	gat	gtc	cgc	tgg	aga	240
Arg	His	Val	Arg	Ser	Tyr	Asn	His	Leu	Gln	Gly	Asp	Val	Arg	Trp	Arg	
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aag cta ttc tct ttc acc aag tac ttt ctc aag att gag aag aac ggg	288
Lys Leu Phe Ser Phe Thr Lys Tyr Phe Leu Lys Ile Glu Lys Asn Gly	
85 90 95	
aag gtc agc ggg acc aag aag gag aac tgc ccg tac agc atc ctg gag	336
Lys Val Ser Gly Thr Lys Lys Glu Asn Cys Pro Tyr Ser Ile Leu Glu	
100 105 110	
ata aca tca gta gaa atc gga gtt gtt gcc gtc aaa gcc att aac agc	384
Ile Thr Ser Val Glu Ile Gly Val Val Ala Val Lys Ala Ile Asn Ser	
115 120 125	
aac tat tac tta gcc atg aac aag aag ggg aaa ctc tat ggc tca aaa	432
Asn Tyr Tyr Leu Ala Met Asn Lys Lys Gly Lys Leu Tyr Gly Ser Lys	
130 135 140	
gaa ttt aac aat gac tgt aag ctg aag gag agg ata gag gaa aat gga	480
Glu Phe Asn Asn Asp Cys Lys Leu Lys Glu Arg Ile Glu Glu Asn Gly	
145 150 155 160	
tac aat acc tat gca tca ttt aac tgg cag cat aat ggg agg caa atg	528
Tyr Asn Thr Tyr Ala Ser Phe Asn Trp Gln His Asn Gly Arg Gln Met	
165 170 175	
tat gtg gca ttg aat gga aaa gga gct cca agg aga gga cag aaa aca	576
Tyr Val Ala Leu Asn Gly Lys Gly Ala Pro Arg Arg Gly Gln Lys Thr	
180 185 190	
cga agg aaa aac acc tct gct cac ttt ctt cca atg gtg gta cac tca	624
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35 40 45	
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Arg His Val Arg Ser Tyr Asn His Leu Gln Gly Asp Val Arg Trp Arg	
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Lys Val Ser Gly Thr Lys Lys Glu Asn Cys Pro Tyr Ser Ile Leu Glu	

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145	150	155
Tyr Asn Thr Tyr Ala Ser Phe Asn Trp Gln His Asn Gly Arg Gln Met		
165	170	175
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tcc ttc acc aag tac ttt ctc aag att gaa aag aac ggc aag gtc agc	96
Ser Phe Thr Lys Tyr Phe Leu Lys Ile Glu Lys Asn Gly Lys Val Ser	
20 25 30	
ggg acc aag aag gaa aac tgt ccg tac agt atc cta gag ata aca tca	144
Gly Thr Lys Lys Glu Asn Cys Pro Tyr Ser Ile Leu Glu Ile Thr Ser	
35 40 45	
gtg gaa atc gga gtt gtt gcc gtc aaa gcc att aac agc aac tat tac	192
Val Glu Ile Gly Val Val Ala Val Lys Ala Ile Asn Ser Asn Tyr Tyr	
50 55 60	
tta gcc atg aac aag aag ggg aaa ctc tat ggc tca aaa gaa ttt aac	240
Leu Ala Met Asn Lys Lys Gly Lys Leu Tyr Gly Ser Lys Glu Phe Asn	
65 70 75 80	
aat gac tgt aaa ctg aaa gag agg ata gag gaa aat gga tac aac acc	288
Asn Asp Cys Lys Leu Lys Glu Arg Ile Glu Glu Asn Gly Tyr Asn Thr	
85 90 95	
tat gca tct ttt aac tgg cag cac aac ggc agg caa atg tat gtg gca	336
Tyr Ala Ser Phe Asn Trp Gln His Asn Gly Arg Gln Met Tyr Val Ala	
100 105 110	
ttg aat gga aaa gga gct ccc agg aga gga caa aaa aca aga agg aaa	384
Leu Asn Gly Lys Gly Ala Pro Arg Arg Gly Gln Lys Thr Arg Arg Lys	

115	120	125	
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Leu Ala Met Asn Lys Lys Gly Lys Leu Tyr Gly Ser Lys Glu Phe Asn	
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85	95
Tyr Ala Ser Phe Asn Trp Gln His Asn Gly Arg Gln Met Tyr Val Ala	
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Leu Gln Gly Asp Val Arg Trp Arg Lys Leu Phe Ser Phe Thr Lys Tyr	
20	30
ttt ctc aag att gaa aag aac ggc aag gtc agc ggg acc aag aag gaa	144
Phe Leu Lys Ile Glu Lys Asn Gly Lys Val Ser Gly Thr Lys Lys Glu	

35	40	45	
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Asn Cys Pro Tyr Ser Ile Leu Glu Ile Thr Ser Val Glu Ile Gly Val			
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Val Ala Val Lys Ala Ile Asn Ser Asn Tyr Tyr Leu Ala Met Asn Lys			
65	70	75	80
aag ggg aaa ctc tat ggc tca aaa gaa ttt aac aat gac tgt aaa ctg			288
Lys Gly Lys Leu Tyr Gly Ser Lys Glu Phe Asn Asn Asp Cys Lys Leu			
85	90	95	
aaa gag agg ata gag gaa aat gga tac aac acc tat gca tct ttt aac			336
Lys Glu Arg Ile Glu Glu Asn Gly Tyr Asn Thr Tyr Ala Ser Phe Asn			
100	105	110	
tgg cag cac aac ggc agg caa atg tat gtg gca ttg aat gga aaa gga			384
Trp Gln His Asn Gly Arg Gln Met Tyr Val Ala Leu Asn Gly Lys Gly			
115	120	125	
gct ccc agg aga gga caa aaa aca aga agg aaa aac acc tcc gct cac			432
Ala Pro Arg Arg Gly Gln Lys Thr Arg Arg Lys Asn Thr Ser Ala His			
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 35 40 45
 Asn Cys Pro Tyr Ser Ile Leu Glu Ile Thr Ser Val Glu Ile Gly Val
 50 55 60
 Val Ala Val Lys Ala Ile Asn Ser Asn Tyr Tyr Leu Ala Met Asn Lys
 65 70 75 80
 Lys Gly Lys Leu Tyr Gly Ser Lys Glu Phe Asn Asn Asp Cys Lys Leu
 85 90 95
 Lys Glu Arg Ile Glu Glu Asn Gly Tyr Asn Thr Tyr Ala Ser Phe Asn
 100 105 110
 Trp Gln His Asn Gly Arg Gln Met Tyr Val Ala Leu Asn Gly Lys Gly
 115 120 125

Ala Pro Arg Arg Gly Gln Lys Thr Arg Arg Lys Asn Thr Ser Ala His
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 agc agc ttc tcc tct cct agc tct gca ggt agg cat gtg cgg agc tac 96
 Ser Ser Phe Ser Ser Pro Ser Ser Ala Gly Arg His Val Arg Ser Tyr
 20 25 30
 aat cac ctc cag gga gat gtc cgc tgg aga aag ctg ttc tcc ttc acc 144
 Asn His Leu Gln Gly Asp Val Arg Trp Arg Lys Leu Phe Ser Phe Thr
 35 40 45
 aag tac ttt ctc aag att gaa aag aac ggc aag gtc agc ggg acc aag 192
 Lys Tyr Phe Leu Lys Ile Glu Lys Asn Gly Lys Val Ser Gly Thr Lys
 50 55 60
 aag gaa aac tgt ccg tac agt atc cta gag ata aca tca gtg gaa atc 240
 Lys Glu Asn Cys Pro Tyr Ser Ile Leu Glu Ile Thr Ser Val Glu Ile
 65 70 75 80
 gga gtt gtt gcc gtc aaa gcc att aac agc aac tat tac tta gcc atg 288
 Gly Val Val Ala Val Lys Ala Ile Asn Ser Asn Tyr Tyr Leu Ala Met
 85 90 95
 aac aag aag ggg aaa ctc tat ggc tca aaa gaa ttt aac aat gac tgt 336
 Asn Lys Lys Gly Lys Leu Tyr Gly Ser Lys Glu Phe Asn Asn Asp Cys
 100 105 110
 aaa ctg aaa gag agg ata gag gaa aat gga tac aac acc tat gca tct 384
 Lys Leu Lys Glu Arg Ile Glu Glu Asn Gly Tyr Asn Thr Tyr Ala Ser
 115 120 125
 ttt aac tgg cag cac aac ggc agg caa atg tat gtg gca ttg aat gga 432
 Phe Asn Trp Gln His Asn Gly Arg Gln Met Tyr Val Ala Leu Asn Gly
 130 135 140
 aaa gga gct ccc agg cag gga caa aaa aca aga agg aaa aac acc tcc 480
 Lys Gly Ala Pro Arg Gln Gly Gln Lys Thr Arg Arg Lys Asn Thr Ser
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 gct cac ttc ctc ccc atg gtg gtc cac tca taa 513
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Asn His Leu Gln Gly Asp Val Arg Trp Arg Lys Leu Phe Ser Phe Thr
35 40 45
Lys Tyr Phe Leu Lys Ile Glu Lys Asn Gly Lys Val Ser Gly Thr Lys
50 55 60
Lys Glu Asn Cys Pro Tyr Ser Ile Leu Glu Ile Thr Ser Val Glu Ile
65 70 75 80
Gly Val Val Ala Val Lys Ala Ile Asn Ser Asn Tyr Tyr Leu Ala Met
85 90 95
Asn Lys Lys Gly Lys Leu Tyr Gly Ser Lys Glu Phe Asn Asn Asp Cys
100 105 110
Lys Leu Lys Glu Arg Ile Glu Glu Asn Gly Tyr Asn Thr Tyr Ala Ser
115 120 125
Phe Asn Trp Gln His Asn Gly Arg Gln Met Tyr Val Ala Leu Asn Gly
130 135 140
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Ala His Phe Leu Pro Met Val Val His Ser
165 170

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<400> 15
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1 5 10

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1 5 10 15

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1 5 10 15

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Arg Ser Tyr

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His Val Arg Ser Tyr
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Arg His Val Arg Ser Tyr
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1 5 10 15

Gly Arg His Val Arg Ser Tyr
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 aacacctatg catcttttaa ctggc 25

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aacaaaggat cctttatgag tggaccacc 29

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